

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:46 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 420 Const Calendar Day: 521 Date: 07-Nov-2013 Thursday

Inspector Name: Feather, Bernard Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 08:00 am 05:00 pm Break: 01:00 Over Time:

Federal ID:

Location:

Reviewer: Shedd, Bill

Approved Date: 21-Nov-14 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM

12 PM

4PM

Precipitation

Condition Not Recorded

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

Weekly safety meeting 0800-0900. Meeting with ABF/FWS/DJV to discuss dehumidification issues. Inspection of the WB bridge, east anchorage splay chamber. Misc MEP paperwork and write diaries.

**04-0120F4 Bid Item: 126 0-000-000.126 COMPRESS AIR (4 NPS)**

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Welder	JNM	RICHARD KIIKVEE	5.50	0.00	0.00	5.50		<input type="checkbox"/>
Plumber/Pipefitter	JNM	NARCISO BIAGI	5.50	0.00	0.00	5.50		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	5.50	0.00	0.00	5.50		<input type="checkbox"/>

Diary:

Dispute

Mechanical Piping 126 0-000-000.126

The FWS Spencer crew, including Josh Johnson, spent the shift replacing the Victualic fittings on the carbons steel expansion loop at PP 81 with welded elbows, per the Contract Plans, approved shop drawings, and the direction given in the response to RFI 3475. By end of shift, the fittings on the WB expansion loop had been replaced by welded elbows.



The crew used a 200 volt welder, a 1.2 KW generator, and various small tools in this operation.

04-0120F4 Bid Item: 128 0-000-000.128 DEHUMIDIFIER SYSTEM

F.W. SPENCER AND SON, INC

Diary:

Dispute

Dehumidification System 128 0-000-000.128

A meeting was held to discuss the dehumidification system status:



DEHUMIDIFICATION SYSTEM STATUS MEETING
November 7, 2013

1.INTRODUCTIONS: Ari Konyalian, Dan Turner Moffatt & Nicols; Bill Shedd, Martin Chandrawinata, Rob Feather CT; James Duxbury, Andrew Baumberger, TY Lin; Bob Kick, Bill O'Sullivan, ABFjv; Larry



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Moughler, FWS

2.LOUVERS AT TOWER HEAD AND EAST ANCHORAGE (RFI 118R00 AND R00, SUBMITTALS 2737 AND 2767): Even if the louver for the reactivation air discharge was installed per plan, it may not provide the required air flow (total free area needs to be approx 50% of the duct area). Action Items: Ari K. will investigate the required air flow and static drop across the louver. Larry M. will investigate if there is a louver available which will provide a greater free area. If there is not a louver available which will provide the required free space, it is possible that an louver box can be mounted outside the penetration with a larger louver. ABF to send a RFI with a proposal.

3.MUNTERS' SYSTEM REQUIREMENTS: The Munters' O & M manual says that all ductwork needs to be sloped away from the unit. However, the figure in the section only shows the reactivation air being sloped. The O&M manual also calls out isolation dampers on the reactivation air inlet and discharge ducts. Larry M. will contact Munters to see if these are requirements for the units. If so, it will likely be extra work.

4.BALANCING AND TESTING REQUIREMENTS (RFI 3466R03): Ari K. confirmed the requirements for balancing the system specified in RFI 3466R03 are required to fully balance the tower head, west loop, and tower base systems. These requirements go beyond what is specified in the Contract Plans and Special Provisions and to some degree is extra work. The Department will look at the scope and propose what is extra and what is required.

5.TESTING SCHEDULE: With the issues about balancing resolved, Larry M. indicated that his crew will come out this week and seal duct penetrations at the east anchorages and tower head. He anticipates the balancers will be here the end of the week of November 11 to start balancing. It will take approximately 6 weeks to balance all units. After balancing, Larry M. estimated that testing could begin in mid January 2014. It was brought up that upper management wants the units started as soon as possible. When asked if the units can be started now that the chambers are sealed, Larry M. advised against it, saying they need to be balanced first. However, the units can be started after balancing is complete. With the units running prior to testing, it may cut down the length of the first test, and the second test could just be a check of the system's efficiency. All parties will meet at a later date to determine scope of testing if it can be changed from the contract requirements.

6.AUGUST STARTUP: CCO 344 stated that the dehumidification units needed to be running prior to SSO. There is a disagreement between CT and ABF what had to be done prior to startup. Larry M. indicated they brought in Munters because the manufacture should be he during startup, ergo, it is extra work. CT's position is that Munters had to come out anyway, so this wasn't a special trip. Action Item: Larry M. would make an assessment of how many times and for what duration they were intending on having Munters, the Balancing Contractor, and the Independent Testing Contractor on site. CT will calculate the number days for the same based on the contract documents. Discussion of extra costs was shelved until a later date.

Following the meeting, I went to the east anchorage, WB chamber to inspect. I noted that the area around the unit was dusty, and a lay of dust covered the unit. I contacted Bill O'Sullivan about this. He said that the painters had been working in that area and he would see to it the unit would be dusted off.

CCO-354 Bid Item: 001 0-FWS-ELS.354 CIC - Mechanical Impacts - F.W. Spencer

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Welder	JNM	RICHARD KIIKVEE	2.50	0.00	0.00	2.50		<input type="checkbox"/>
Plumber/Pipefitter	JNM	NARCISO BIAGI	2.50	0.00	0.00	2.50		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	2.50	0.00	0.00	2.50		<input type="checkbox"/>



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Job Name: 04-0120F4

Inspector Name: Feather, Bernard

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Date: 07-Nov-2013 Thursday

Diary:

Dispute

Change of Character 001 0-FWS-ELS.354



To perform the day's operations, the FWS crew worked from a closure of the #1 lane of the EB bridge. The crew, including Josh Johnson, spent 1.5 hours mobilizing to the work location, and 1 hour demobilizing at the end of the shift.

In addition to equipment used in the day's operations, the crew used 2 additional crew trucks and a port-a-potty on a trailer.